

# EVER-CRYLIC® QS

## Single Component Acrylic Cool Roof Base Coat

### TECHNICAL DATA SHEET

Ever-Crylic QS is a multi-purpose 100% acrylic elastomeric coating for use over a variety of substrates including asphalt, single-ply and metal roofing. Ever-Crylic QS exceeds ASTM D6083 requirements for critical properties such as tensile strength, elongation, wet adhesion and weatherability.

#### FEATURES AND BENEFITS

- Seamless Waterproofing
- Environmentally Friendly
- Renewable
- Prolonged Roof Life
- Reduced Life Cycle Costs
- Asphalt Bleed Blocking
- Fully-Adhered Installation

#### COLORS

White. Other colors are available by special order.

#### COVERAGE

Ever-Crylic QS has a theoretical dry film thickness of 9 mils when applied at 1 gallon per 100 square feet.

#### PACKAGING

5-Gallon Pail

55-Gallon Drum

250-Gallon Tote

#### STORAGE AND STABILITY

Keep containers closed, store in a dry, cool place away from heat, sparks, open flame, and moisture. Maximum shelf life is one year when stored on a pallet at temperatures between 50°F and 80°F (10°C to 27°C). Caution should be exercised to prevent material from freezing.

#### APPLICATION INSTRUCTIONS

Ever-Crylic QS may be applied by spray, brush, or roller. All surfaces must be clean, dry and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion.

Apply Ever-Crylic QS at temperatures above 50°F (10°C). Apply only when weather conditions will permit drying before rain, dew or freezing temperatures. Ever-Crylic QS must be mixed thoroughly prior to application to assure uniform dispersion of the pigments.

Ever-Crylic QS, when applied at 24 wet mils and at conditions of 75°F (24°C) and 50% relative humidity, will dry to the touch in 4 hours. Apply Ever-Crylic QS at a MAXIMUM of 1.5 gallons per 100 square feet. Cooler temperatures and/or higher humidity will retard curing, whereas hotter weather and/or lower humidity will accelerate curing.

Note: A quick set version is available upon request.

#### TECHNICAL DATA (BASED ON DRAW DOWN FILM)

Property	Test Method	Value
Wet Film Thickness (mils) (1.5 gal/100sq ft)		13.44
Durometer Hardness: Shore A	ASTM 2240	65 - 75 points
Tensile Strength (Die C) @ 73° (psi)	ASTM D2370	310 ± 50
Initial Elongation (%)	ASTM D412	200 ± 25
Tear Strength (pli)	ASTM D624	70
Tear Resistance (psi)	ASTM D624	105
Specific Gravity		1.45
Reflectivity (%)		84 (white)
Emissivity (%)		90
Volatile Organic Compound (gms/liter)	ASTM G21	50
Total Volume Solids (%)	ASTM D2697	56 ± 2
Total Weight Solids (%)	ASTM D1644	68.92
Viscosity (KU)	ASTM D562	120

When applied by roller, the coating should be back rolled to ensure uniform coverage and release air entrapment. If additional coating is required, the underlying coat must be FULLY cured to avoid blistering. Note: "Tack-free" or "dry to touch" does not necessarily indicate the coating is fully cured. When spray applying over mineral cap-sheet or porous surfaces, it is HIGHLY recommended that the first coat be back-rolled.

Product is not intended for use as a top coat. Apply a minimum of 10 mils of recommended top coating to ensure optimum performance life. Ever-Crylic QS should not be applied directly over spray polyurethane foam. Consult Everroof® for the proper coating systems for spray polyurethane foam roofing.

Ever-Crylic QS is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate cure time, therefore, use caution in batch sizes and thickness of application.

#### MAINTENANCE

Periodic maintenance of Ever-Crylic QS Roofing Systems ensures optimal performance and reduces life cycle costs.



## TECHNICAL SERVICES

Additional information, product brochures, and guide specifications are available. Roof energy evaluations, life cycle cost analysis, and other roof management services are also available from an Everroof® Technical Consultant.

## PERSONAL PROTECTIVE EQUIPMENT

Since Ever-Crylic QS is atomized into a very fine particle distribution during spray application, it is essential that maximum effort is made to protect the spray applicator and others near the workplace from undue exposure.

The best form of protection against organic solvents is the use of Type-C organic vapor cartridge respirators. To prevent excessive skin contact with the sprayed product, we recommend use of fabric coveralls and neoprene or other resistant gloves. Wear OSHA-approved protective goggles when spraying.

## JOB-SITE PROTECTION

Overspray from Ever-Crylic QS can carry considerable distances and attention should be given to the following:

1. Post warning signs a minimum of 100 feet from the work area.
2. Cover all intake vents near the work area.
3. Minimize or exclude all personnel not directly involved with the spray application.
4. No welding, smoking or open flames.
5. Have CO<sub>2</sub> or other dry chemical fire extinguisher available at the job-site.
6. Provide adequate ventilation.

## HEALTH AND SAFETY

Everroof® is committed to the health and safety of our customers. Everroof® products shall only be installed by certified contractors. Applicators are required to follow all proper handling, safety and installation procedures. Safety Data Sheets (SDS) are available on this material. Any individual who may come in contact with these products should read and understand the SDS.

## VAPOR INHALATION

Effects of overexposure to vapor are characterized by nasal and respiratory irritation, dizziness, nausea, headache, fatigue, possible unconsciousness or even asphyxiation. Vapor inhalation problems are characterized by coughing, shortening of breath and tightness in the chest. Anyone exhibiting these types of symptoms should be immediately removed from the workplace and administered oxygen or fresh air. If the condition is prolonged or extreme, SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

## SKIN CONTACT

Skin contact with liquid components can result in a rash or other irritation. Wash the affected skin area with water. Wipe residual liquid from the skin with a clean cloth, then wipe the affected area with 30% solution of rubbing alcohol. Follow the alcohol wipe with repeated washings with soap and water. If a rash or other irritation develops, see a physician.

## EYE CONTACT

Eye Contact with liquid or sprayed components can result in corneal burns or abrasions. Upon exposure, eyes should be flushed with water for an extensive period. SUMMON EMERGENCY TRAINED MEDICAL ATTENTION IMMEDIATELY.

**LIMITED WARRANTY.** We warrant our Products to be free of manufacturing defects and to comply with the Product's current published physical properties when tested under controlled conditions. Our sole responsibility is limited to replacement of that portion of any Products found to be defective at the time of manufacture. There are no other warranties of any nature whatsoever, whether expressed or implied, including an express disclaimer of any warranty of merchantability or fitness for a particular purpose. Further, we disclaim any liability for damages of any type, however caused, including remote, consequential damages, or special damages resulting from any theory of liability, whether based on tort, negligence, or strict liability. We disclaim responsibility for any claims of intellectual property infringement through use of our Products in any manner. No warranty or guarantee is issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, abnormal wear and tear, or improper application by the applicator. Damage caused by abuse, neglect, lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded. In all instances and as a pre-condition to any available remedy, we reserve the right to conduct sample testing and performance analysis on any materials claimed to be defective, performed prior to any repairs being made by owner, general contractor, or applicator. Our limited warranty is void if repairs have been made or attempted, or if the claimed defect has been adulterated prior to our ability to conduct a formal investigative analysis.

**DISCLAIMER:** Please read all information in the general guidelines, technical data sheets, application guide and safety data sheets (SDS) before applying material. Products are for professional use only and should only be applied by professionals who have prior experience with our Products or have undergone specific training in their proper application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data and instructions. All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of these tests are not guaranteed and are not to be construed as a warranty, either expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with any product. It is the user's responsibility to satisfy himself, by his own information and tests, to determine suitability of the Products for his own intended use, application and job situation and user assumes all risk and liability resulting from his own use of the Products. We do not suggest or guarantee that any hazards listed herein are the only ones that may exist. We are not liable to the purchaser, end-user, or any third party for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, our Products. Recommendations or statements, whether verbal or in writing, shall not be binding upon us unless in writing and signed by one of our authorized corporate officers. Technical and application information is provided for establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and we make no claim that these tests or any other tests, accurately represent all environments. We are not responsible for typographical errors. **All Rights Reserved.** Revision EVER-CRYLIC QS\_120421.EA